

### **Amendments to the Substitute Specification:**

Please replace paragraph [0038] as follows:

**[0028]** The gatekeeper 7 monitors calls established over the WIO network 2 and can initiate, in response to a predetermined condition, a change in data rate of a call within the WIO. Additionally, the gatekeeper 7 can combine two half speech rate channels on the same carrier in different timeslots onto the same timeslot.

Please replace paragraphs [0034] through [0037] as follows:

**[0034]** The GSM operator network 18 comprises a basestation transceiver station 13 (BTS), a basestation controller 14 (~~BSG~~BSC), a transcoder rate adapter unit 15 (TRAU), a mobile switching center 16 (MSC) and a home location register 12 (HLR).

**[0035]** The BTS 13 is for communicating with a plurality of radiotelephones 17 (of which only one is shown) over respective communication channels in the GSM operator environment. The air interface between the radiotelephones 17 and the BTS 13 corresponds to the GSM standard. In accordance with the GSM standard, each carrier frequency is subdivided into eight different timeslots. The BTS 13 has between one and sixteen transceivers (not shown), each of which represents a separate RF channel.

**[0036]** The BTS 13 is connected to the BSC 14 via a PCM link, this link between the BTS 13 and BSC 14 ~~is~~ typically being known as an Abis interface. The Abis interface uses 64 kbps signalling subchannels in order to carry signalling data and submultiplexed 16 kbps channels for the transfer of user data, typically speech. The BSC monitors and controls the BTS's 13. Typically a plurality of BTS 13 are connected to the BSC 14.

**[0037]** The BSC 14 is connected to the MSC 16 over a PCM 30 link via a transcoder rate adapter unit (TRAU) 15. Alternatively, however, the TRAU 15 can be connected between the BTS 13 and ~~BSG~~BSC 14. The TRAU 15 transforms the speech data, typically transmitted at 13 kbps, in and out of the 64 kbps channels, as is well known to a person skilled in the art.